

Appl. No. : 09/552150  
Filed : April 18, 2000

### REMARKS

Prior to entry of this amendment, Claims 1, 2, 6, 7, 9-31 and 33-52 are pending. By this amendment, Applicant requests cancellation of Claim 47-52 so that Claims 1, 2, 6, 7, 9-31 and 33-46 remain pending.

#### Discussion of Objections to the Specification

The Examiner objected to the abstract for not conforming to the requirements outlined in M.P.E.P. § 608.01(b). A replacement abstract is enclosed on a separate sheet, and Applicant respectfully submits that the replacement abstract complies with the requirements outlined in M.P.E.P. § 608.01(b). Accordingly, Applicant respectfully requests the objection to the abstract be withdrawn.

#### Summary

The Office Action dated November 18, 2004 indicates that Claims 1, 2, 6, 7, 9-31 and 33-46 are allowed. Thus, with the cancellation of Claims 47-52 and amendments to the Abstract, Applicant respectfully asserts that this application is in condition for allowance. Applicant respectfully requests entry of this Amendment and prompt issuance of a Notice of Allowance.

Applicant has endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. In light of the above amendments and remarks, reconsideration and withdrawal of the outstanding rejections is respectfully requested. If the Examiner has any questions which may be answered by telephone, he is invited to call the undersigned directly.

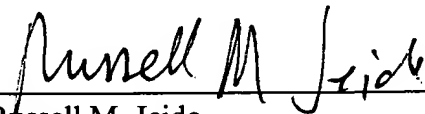
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: \_\_\_\_\_

2/16/05

By: \_\_\_\_\_

  
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## **METHOD AND APPARATUS FOR MULTI-USER TRANSMISSION**

### Abstract of the Disclosure

A method of transmitting data signals from at least two transmitting terminals to at least one receiving terminal with a spatial diversity antenna comprises transmitting from the transmitting terminals transformed data signals, being transformed versions of the data signals; receiving on the spatial diversity antenna received data signals being at least function of at least two of the transformed data signals; subband processing of at least two of the received data signals in the receiving terminal; and determining estimates of the data signals from subband processed received data signals in the receiving terminal.